The Master VIOLET RAY

The Master Electric Co.

2309-15 ARCHER AVE.
CHICAGO, ILL.

The Violet Ray

ONE of the most remarkable developments of the wonderful science of electricity is that of the Violet Ray machine or high frequency generator. The Violet Ray may be said to be a diffusion of an electrical current of tremendous power and resistance, into millions of tiny harmless units which can be applied to the tenderest and most delicate parts of the body without the slightest harm. As applied to the human body, its results have been found to be of enormous benefit in innumerable instances.

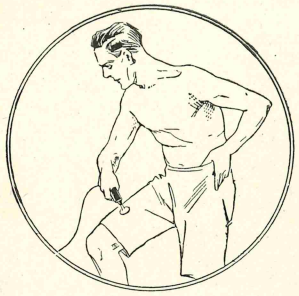
Causes of Human Ailments

All human ailments, with the exception of certain highly contagious and infectious diseases, can be traced to faulty circulation and impure blood. When exercise is taken as a matter of course and sound sleep and appetite are natural, weakness and disease seldom develop for the reason that the blood is adequately supplied in its richest state to every part of the body, thereby nourishing every organ and muscle and providing adequate protection against any tendency to weakness. As persons grow older, however, there is a tendency to forsake physical exercise and to retire to a quieter and more secluded mode of living. The circulation suffers accordingly, and instead of being driven to every part of the body in its richest state, a portion collects in the internal areas and becomes stagnant because of the impurities thrown off by the body. These impurities are absorbed by the tissues and a condition of self poison results, as a consequence of which the body begins to deteriorate, the digestive organs fail to function properly, the internal organs become sluggish and weak, and weaknesses develop which are peculiar to men or women. This weakened condition of the blood and vital organs leaves the human body easily susceptible to any disease to which it may become exposed.

Counteracting These Causes by the Use of the Violet Ray

The Violet Ray has provided the means of bringing to every home, at a reasonable price, a method whereby every vital process can be quickened and the blood made to course through the body with renewed vigor. If necessary, the treatment can be concentrated on any organ, muscle or nerve, however delicate or tender, and the same results secured. By this treatment the impurities are washed from the affected organs by a rich, warm flow of blood which nourishes and stimulates the tissues and which is generated by the penetrating current of the Violet Ray reaching the cells which supply life to the

tissue, and causing them to vibrate. The stagnant pools of blood are thus set in motion and the poisons contained therein are relieved of by the purifying processes of nature.



The blood thus being freed of poisons is able to take up oxygen from the lungs and nutrition from the digestive organs and returns laden with tissue-building material to every part of the body. In this way new tissue is formed to replace that destroyed by disease and carried away in the blood stream. This process of stimulation is called a "cellular massage" because of the fact that the vibration or contractile effect is expended upon the individual cells making up the tissue, rather than on individual muscles. This is an important reason why the high frequency current produces such a marked effect on nutrition and general health. Cellular massage is much more penetrating and beneficial than muscular massage as produced by mechanical vibration.

Application of the Ray

The Master Violet Ray is applied through vacuum applicators or electrodes, made of annealed glass. The electrodes diffuse the electrical current in sprays of a beautiful deep violet color. These sprays vibrate to and fro thousands of times per second. This rapid vibration is what produces the pleasing, invigorating and corrective effect derived from Violet Ray treatments and described as cellular massage. A few minutes application each day, simply holding the applicator in the hand, furnishes a tonic to the system which does much to fight disease and keep the body in a healthy state. Inasmuch as prevention is to be desired a thousandfold rather than a cure, this point alone makes the Master Violet Ray indispensable in your home.

The Violet Ray, while introducing all of the tremendous power of electrical energy into the body, does so without the slightest pain, shock or contraction of muscles. Its application, on the contrary, produces a pleasing sensation, and the amazing results of the Violet Ray treatment have caused it to be accepted by physicians throughout the country as part of their equipment. The machine is ready for use by simply connecting it to any convenient light socket. The Master Violet Ray is the essence of simplicity and can be operated by a child with the utmost safety.

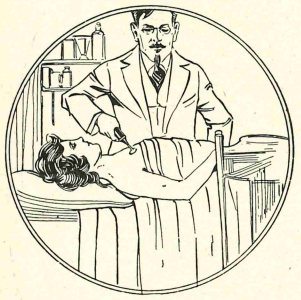
Methods of Applying the Violet Ray

Three distinct methods of application are in general use, according to the conditions present and the results desired.

First: LOCAL APPLICATIONS.

Given with specific surface or orificial applicators made for that purpose.

A beneficial warmth is induced by the action of the Violet Ray, the capillaries of the skin are stimulated during the application and for some time thereafter. Any local application with a vacuum electrode is an effective antiseptic, largely on account of the ozone generated.



One of the greatest benefits of the Violet Ray, is the fact that it can be used with such excellent results in local conditions. When the Master Violet Ray is applied to any part of the body, it gives to a certain extent a general treatment by stimulating the circulation. In treating local conditions, these results are greatly increased by giving a local treatment to the part affected. Suppose one is afflicted with rheumatic pain in the shoulder, you apply the Violet Ray treatment to the painful part. The result noted, will be an immediate sensation of warmth. After a slight treatment it will be noticed that the part treated has become slightly reddened by the blood that is sent in response to stimulation secured from the treatment.

These local treatments can be given to any part of the body with very good results. They produce the desired result at the treated part quickly and also benefit to a remarkable degree the entire system. The body is penetrated by radiant atomized electricty, restoring energy and vitality to the entire system.

Second: GENERAL APPLICATIONS.

Taken as electrification treatment for the effect on the general condition. The entire body is saturated with electrical energy by simply holding the electrode in the hand. This produces a sedative or quieting effect.

Violet Ray High Frequency Currents have the tendency to establish a normal equilibrium of the entire nervous system. Arterial tension during a general treatment usually increases slightly while it falls a short time afterward. General treatments are recommended in all nervous disorders and diseases.

Third: INDIRECT APPLICATIONS.

Combines local and general treatments and requires two people. The party to be treated holds the electrode firmly in the hand. A second party then may draw with either hand, finger-tips, or another electrode, the high frequency current to the desired spot of the patient's body.

Selective Effects Obtainable

A: AS A SEDATIVE.

A sedative, quieting or soothing effect can be obtained and is of great benefit in all nervous ailments. This effect can be produced locally by keeping the electrode in close contact with the part to be treated. Painful sensations can be relieved, irritated nerves tranquilized and soothed. Nervous disorders are quickly and beneficially influenced by a sedative treatment.

B: AS A STIMULANT AND TONIC.

A stimulating effect is produced when the electrode is lifted somewhat during the application or used through the clothing or a cloth which has been put over the part to be treated. The length of the stimulating sparks depends on the thickness of the clothing or cloth placed between the electrode and the body. Uniformity in spark length is insured by the cloth. This stimulation is caused by the many small sparks generally called High Frequency Spray. They cause a pleasant and tingling sensation and bombard thoroughly the area which they cover, resulting in a very beneficial heating effect. They also generate ozone which is directly driven into the tissue, causing the ozonation of the blood. These sparks are germ-killing and overcome infection.

Stimulating treatments through clothing are very beneficial in rheumatism, lumbago, and partial paralysis. Skin disorders, where the circulation is impaired, are often greatly

benefited by a slight stimulation. A single layer of a handkerchief produces enough resistance in such cases. An ordinary towel is best to use in chronic rheumatism and similar affections.

Loss of weight, lack of appetite, general weakness, lassitude and similar conditions as a rule indicate Anemia or impoverished blood and poor circulation, commonly called a run down condition.

The Master Violet Ray primarily increases the blood circulation. It does what the worn out run down body cannot do naturally. Disease germs are therefore fought and consumed, poisons are dissolved and carried away.

C: AS AN INTERNAL ANTISEPTIC.

Wherever the Violet Ray comes in contact with the oxygen in the air it changes a part of that oxygen into what is known as ozone, a concentrated form of oxygen that is a great many times more active than that in the air. Oxygen in the blood has the remarkable quality of burning up dead or diseased cells without burning up those that are healthy, and it is the only antiseptic known that can be taken directly into the body with this effect.

For this treatment the Master Ozone Generator shown on page 20 may be used with any Master machine for the purpose of obtaining large quantities of ozone for inhalation. The effect of inhaling ozone is much the same as that of inhaling large quantities of pure air, or even pure oxygen. It purifies and enriches the blood, invigorates the body and causes pure oxygen to be taken up in large quantities in the blood stream.

Ozone inhalation is of particular benefit in the treatment of respiratory disorders. Taken into the lungs it attacks the diseased cells and causes them to be oxidized and thrown off with the exhaled air. It is a most essential form of treatment for asthma, hay fever, and all lung, throat and nose cases.

This treatment may also be obtained by using a surface applicator and applying it to the surface of the body nearest the seat of trouble. As the Violet Ray leaps from the applicator into the body it carries with it minute quantities of this concentrated oxygen

which is thus injected directly into the tissues and blood. This is known as cataphoric action and has the effect of overcoming the lack of oxygen in the blood by charging it with an added quantity.

As Applied for Specific Conditions and Ills, the Hair, Scalp and Skin

If you do not feel well you cannot look well. Many women realizing that good health is essential to real beauty and the prolonging of youth use the Master Violet Ray with faithful regularity. The results obtained through its applications will be a revelation to you and in a remarkably short time will bring your body, health and appearance to that condition that Nature intended it should be. Rich, red blood is brought to the skin with the use of the Violet Ray. It nourishes the tissues and cells and brings the radiant hue of health and beauty to the skin. All facial blemishes quickly vanish.

Practically every disease of the scalp and hair, as dandruff, falling hair, etc., can be traced to the improper circulation of the blood flowing through the scalp. The roots are fed through the blood, which flows through small capillaries in the scalp almost microscopic in size. Because of their smallness, they become clogged very easily, as a consequence of which most persons are affected with some form of scalp disease. To overcome scalp disease, it is first necessary to remove the cause, and as this is poor nutrition due to faulty circulation, the Violet Ray naturally suggests itself as the ideal remedy.

For treating the scalp we have a special comb electrode which conforms to the shape of the head and pulls easily through the hair. Millions of tiny electric sparks jump from the applicator to the scalp, carrying with them pure ozone which acts as a germicidal agent and destroys any foreign organism which may be present. The tiny nerve and blood vessels are gently massaged, the blood starts flowing and nourishment is brought to the roots of the hair.

By the first treatment a warm, glowing, healthy feeling is brought to the scalp, and with a few successive treatments great improvement will be noted. The hair very quickly takes on a natural, glossy and healthy appearance. The use of the Violet Ray for a few minutes each day will make the hair thick, healthy and beautiful.

The Violet Ray is used by all modern beauty specialists in the treatment of the hair and skin.

Neuritis

Neuritis, as commonly understood, is rheumatism of the nerves. Although any nerve may be involved, the name neuritis is confined almost entirely to inflammation of the brachial nerves, which run from the upper part of the spine across the shoulders and down the arms. When the arms are lifted slightly, sharp, twinging, shooting pains are

felt in the arms and shoulders. Temporary relief can be secured by the use of properly applied heat, but a cure can be effected only by relieving the inflammation and removing the cause of the pain.

Treatment should be with very mild current gently applied to the pain area for about three minutes several times daily. As these nerves react very quickly, the first few treatments should be mild and short, but as the nerves become accustomed to it the treatment should be increased in strength and duration.

Not only does the Violet Ray improve health, but a permanent relief is secured by relieving the inflammation and removing the cause of the ailment.

Rheumatism—Lumbago

One function of the blood is to dissolve and carry away poisons. When circulation becomes sluggish or impaired these poisons, instead of being carried away, are deposited throughout the system, most commonly at the joints. At first this causes slight annoyance, but continued deposits result in the joints becoming solid, swollen, and severely painful. This condition is known as Articular Rheumatism, and will act upon the muscles in a similar manner, resulting in what is commonly called Muscular Rheumatism.

Inflammation of the nerve or muscles situated immediately below the small of the back is known as Lumbago. These pains are most apparent when the body is inclined forward or sideways, or when these muscles and nerves are brought into use.

Application of the Violet Ray to the affected parts restores circulation to normal, drives oxygen directly into the blood and results in a consequent dissolution of the poisonous deposits causing the ailment, thereby relieving the inflammation. Increased quantities of nourishment brought by the invigorated circulation build up and restore the affected part to normal.

Headaches—Insomnia—Brain Fag

A headache is a symptom of some local or constitutional derangement and not a distinct disease. Few drugs are directly curative and some are paralyzers of the heart while others destroy the red blood corpuscles.

When the Violet Ray removes pain it also builds up the forces of nutrition and general health. One of the most common uses of the Violet Ray is the removal of headache and in such a way as to leave the system in a normal and not a "doped" condition. Long, lasting relief is the rule, but some forms of pain return, and for these regular and persistent treatment is required.

Adequate and refreshing sleep and brain rest is necessary to good health. Inability to obtain these necessities is a very troublesome symptom which one should not neglect. There is no substitute for adequate sleep and rest. The Violet Ray, by its sedative action, tends to soothe and calm the nervous system and equalize the circulation, thus restoring this most essential capacity to normal.

Metabolism—The Secret of Health

Perfect health depends upon the proper functioning of the combined building up and tearing down processes that are continually going on within our bodies and which are commonly described as Metabolism. Human energy is produced by the oxidizing, or burning up of certain elements in the cells and tissues throughout the body. This process is responsible for the heat of the body.

For the purpose of maintaining health, these elements that are being burned must constantly be replaced by nature. All too frequently, however, the balance ordinarily maintained between these processes is disturbed by a deficiency or surplus of new material. In cases where there is a deficiency the parts affected become wasted, weakened, and an easy prey to disease. In the second case they become fat, flabby and enlarged and, as a consequence, are unable to function properly. In either case the result is poor health.

A person's age, in terms of health and appearance, is governed by this process of metabolism. In early life the building up process is dominant and we have a period of growth and development. In the early twenties the stationary point is reached where the two are balanced. As long as this balance is maintained health is good and the human body is possessed of the buoyant energy and vitality characteristic of young manhood and womanhood. A disturbance of this balance results in the loss of this vitality.

The tearing down process dominates during the period of old age or decline. It is independent of years, however, and frequently begins in persons under thirty. With proper care, however, the building up process can be made dominant for many years and the ravages of old age postponed indefinitely.

Metabolism depends largely on the quality and proper circulation of the blood. A proper amount of oxygen is necessary in the blood to oxidize the body tissues and thus furnish energy. Tissue building elements must be supplied through the blood to replace those that are oxidized, and disease germs which find their way into the body must be overcome.

Every person who needs concern himself or herself with the subject is familiar with the symptoms of old age. Suffice it to say that the first indication is the loss of buoyancy

felt in early life, followed by minor disorders which gradually grow more serious. It is highly important that these symptoms be overcome in their earliest stages.

The Violet Ray not only prevents the premature appearance of these symptoms, but will remove the cause of them after they have become apparent, if properly used. It does this by normalizing Metabolism—by working through the blood stream and equalizing the two processes necessary to perfect health.

Violet Ray treatments increase the oxygen content of the blood, thus hastening the oxidizing process in the tissues and causing waste material to be thrown off. It energizes every cell causing new tissues to be built in a normal way and assisting in the removal of surplus fat and foreign deposits. It prevents the formation of injurious mineral matter in the walls of the veins and arteries and elsewhere in the body. By the addition of its aiding the processes of digestion, assimilation and excretion it can be readily seen that it will correct the tendency to premature age by the normalizing of every bodily function.

Keep This in Mind

Do not be afraid of the Violet Ray High Frequency current. It never harms. It causes no shock. Use Violet Rays freely so that you may familiarize yourself with their peculiar nature.

Violet Rays grow in their usefulness the more you study their action and effect. Make it clear to yourself what you wish to accomplish. If you want a soothing effect, do not apply a strong spray by holding the applicator distant from the part to be treated; make a close contact instead with the bare skin. If you wish stimulation treat through the clothing with a current strong enough to reach your tissues. If a tranquilizing effect to quiet the nervous system is desired, do not use a current strong enough to cause irritation. Let these be the guiding principles to you and the result in the use of the Violet Rays will be surprising.

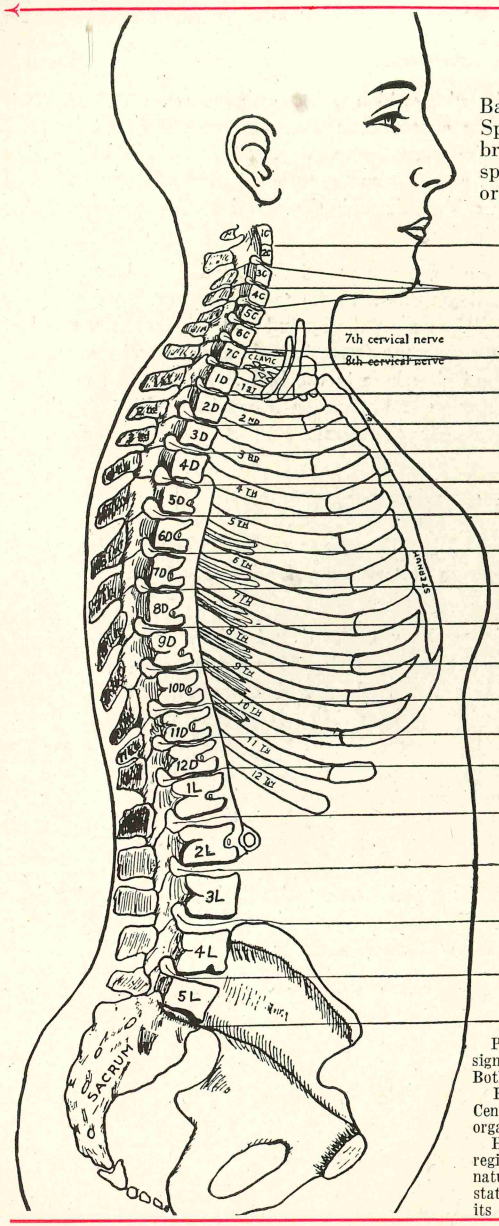
In simplicity of operation, wide range of adjustment, durability, beauty and unique construction Master Violet Rays are the ideal all purpose generators. Their superiority has remained unchallenged for over fifteen years.

Unless otherwise specified, all machines will be furnished to operate on standard voltage of 110 to 120 A. C. or D. C.

Machines can also be furnished to operate on 220 volts and 32 volts. Our 220 volt windings will run on both A. C. and D. C. current. Voltages are from 200 to 240 volts.

The Spinal Nerve Centers

The Spinal Cord is contained in the Backbone or Spinal Column. The Spinal Cord is an extension of the brain. The nerves branch out from the spinal cord and go to all parts and organs of the body.



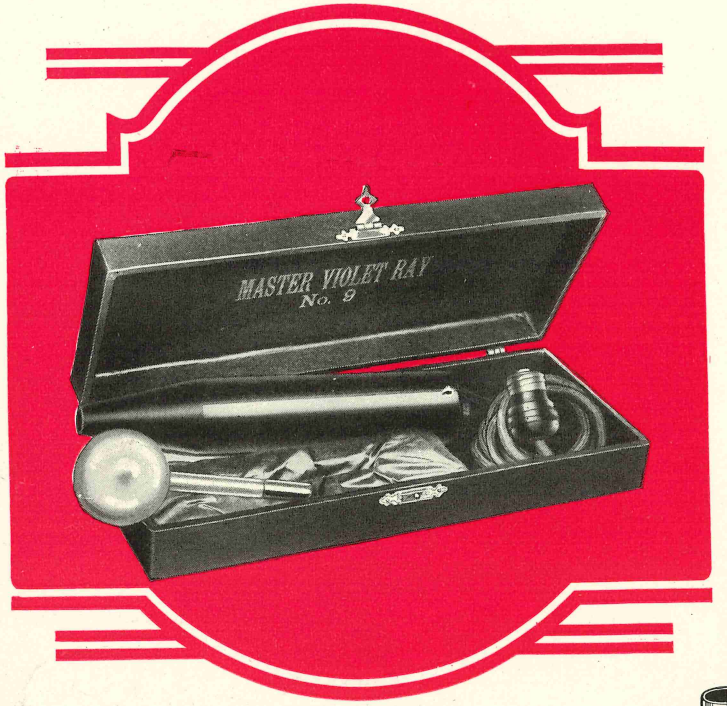
7th cervical nerve
8th cervical nerve

Larynx and parotid gland
Phrenic nerve supplies diaphragm.
Upper trachia and esophagus.
Inferior cervical ganglia of sympathetic nervous system.
Bronchial tubes.
Upper heart.
Lungs.
Lower heart.
Stomach.
Stomach and duodenum
Liver
Diaphragm
Pancreas and spleen.
Kidneys
Kidneys.
Kidneys and prostate
Bladder peritoneum, scrotum, penis
Right side supplies the cecum and appendix.
Left side supplies the sigmoid flexure
Ovaries and testicles
Uterus, tubes, round ligaments
Bladder and lower bowel

Pain or tenderness at any point along the spine signifies involvement of that corresponding organ. Both the organ and the spine should be treated.

By Violet Ray treatments these Spinal Nerve Centers can be stimulated to cause the parts and organs which are controlled by them to respond.

High frequency application to the correct spinal region will restore an organ which has lost its natural tone or shows impaired activity. The normal state of the organ or part will be regained so that its duty can be properly performed.



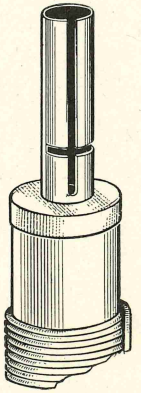
Master Violet Ray No. 9

Newly designed and embodies many superior features. Sells at the lowest price at which a one-piece machine with a shock-proof hard rubber handle has ever been offered. Complete with attractive carrying case of exceptionally substantial construction and general electrode.
Price $9.00

Special Feature Found Only in Our Violet Ray Instruments

A very important feature of all Master Violet Ray machines is the special patented Master Electrode socket terminal which is a part of the resonator coil. Should the electrode break, the coil can simply be unscrewed from the hard rubber housing and the electrode end easily removed by inserting a screw driver or knife in the insertion, as shown in illustration.

In the past, where the electrode has broken, it has been necessary for practically all users to take these to an electric shop or repair man to have the electrode end removed. This annoyance is altogether eliminated, both to the user and the dealer, by the patented Master Electrode Terminal socket which is found only on Master Violet Ray machines.



Master Patent Electrode Socket

Violet Ray No. 11

This machine comes equipped with three Electrodes—Comb, Throat and General, contained in a very beautiful red lined carrying case. The magnet coil is mounted on a highly polished Formica plate. Coils and condensers are oversize to prevent overheating and the Tesla coil is designed to stand hardest usage. The handle of the machine is constructed of vulcanized hard rubber and is shock proof.

Price $12.50

For 220 or 32 volts add $1.50.

Master Violet Ray No. 10A

This machine is the same as No. 11 illustrated above except that it is equipped with the No. 1 general electrode only. The machine is packed in handsome silk lined container.

For 220 volt or 32 volt add $1.50. Price..... $8.50

Our 220 volt windings will run on both A. C. and D. C. current. Voltages are from 200 to 240 volts.

The carrying cases on all Master Violet Rays are designed for beauty and service. The very latest materials and designs are used to make them serviceable, and ultra modern in appearance.

Violet Ray Outfit No. 2B

This machine is of the one-piece type; that is, the entire outfit is contained in the handle and there is no separate Coil contained in cabinet or carrying case. For those who desire simplicity in appearance and operation, this Master One Piece type machine offers the greatest efficiency possible. It is without question the greatest value ever offered in a one-piece outfit.

The entire mechanism is enclosed in a beautiful highly polished Hard Rubber Housing. It is light in weight and comes equipped with a handsome seal grain carrying case. Surface Electrode No. 1, Comb Electrode No. 3 and No. 12 Metal Electrode.

List Price $12.50

For 220 or 32 volts add $1.50.

We have made a very marked improvement in our one-piece machine, whereby it excels any other machine of this type on the market. This has been accomplished by reducing the diameter of the handle so that its size is such as to enable it to be held easily in the hand. It is more symmetrical in appearance and considerably lighter in weight. These changes in addition to having improved its appearance so greatly have also increased the efficiency of the machine to a considerable extent.

Violet Ray No. 15

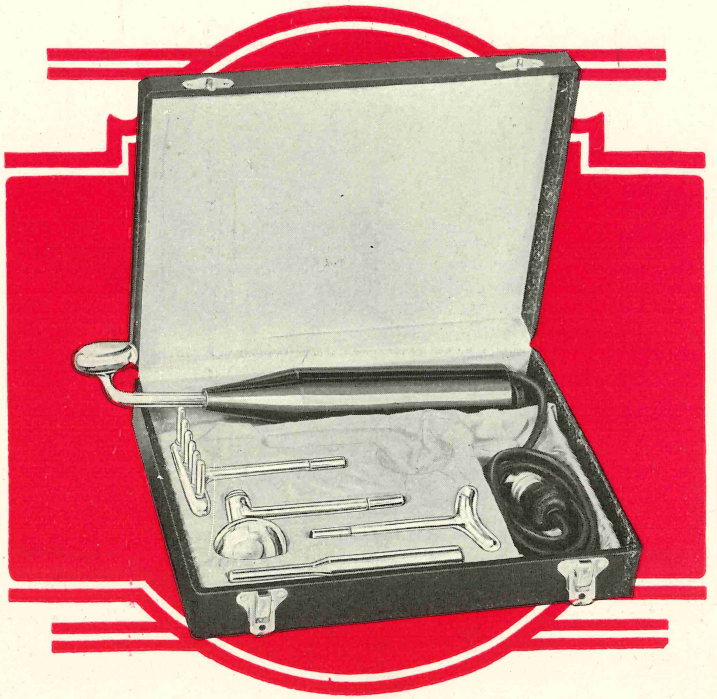
This wonderful new model represents the latest development in a one-piece outfit. Due to our special type of construction the machine cannot be thrown out of adjustment by turning the adjustment knob too tightly and locking the vibrator springs, a defect found in most other one-piece outfits.

An exceptionally strong hard rubber housing is used and the coils are so constructed that they will not overheat. This machine is without competition where lasting qualities and value are considered. Equipped with handsome carrying case with No. 1 Surface, No. 3 Comb, No. 12 Metal and No. 4 Throat Electrodes.

Price $15.00

For 220 or 32 volts add $1.50.

Our adjustment is a piece of precision mechanics, highly developed, accurate and dependable. The arrangement of adjustment prevents locking of vibrators, thus eliminating burning out of the coils. This is a feature of all Master machines. Our handles are molded in one piece so that there is no leak from the nozzle.



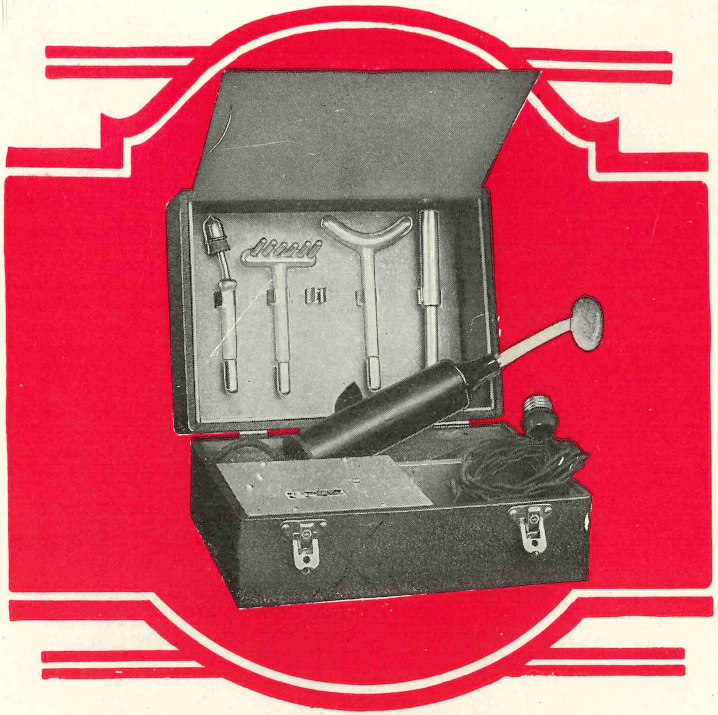
Violet Ray No. 17

This excellent model has been added to our already complete line for the purpose of supplying a large number of our customers with a machine having a condenser electrode as a part of its equipment. The applicators included with this outfit are General Electrode No. 1, Condenser Electrode No. 2, Comb Electrode No. 3, Throat Electrode No. 4, and Metal Electrode No. 12. All equipment is enclosed in a handsome red silk lined carrying case. The addition of the popular and useful condenser electrode makes this outfit an article of exceptional utility and a real value.

Price $17.50

All Master Violet Ray outfits are designed to work on standard current 110 to 120 volts, A. C. or D. C.

The output of Master instruments is truly marvelous, not only is the amperage tremendously high at the full adjustment, but the milli-amperage is great in volume, causing much heat at the point of application to the body, an effect most desirable and not found in other instruments.



Violet Ray Outfit No. 8

This machine is designed to meet the demand for a complete Violet Ray equipment of the two-piece type for home and profession, at a moderate price.

The case is designed to hold five electrodes, which are contained in a separate compartment with clips to hold the electrodes. A flap separates this compartment from the Generator. The case is velvet lined and very attractive.

The equipment consists of the Surface Electrode, Comb Electrode, Throat Electrode, Eye Electrode and Metal Saturator. In the illustration, a Cautery Electrode is shown in place of the Eye Electrode, choice of either is given. If neither is designated, Eye Electrode is furnished with the machine.

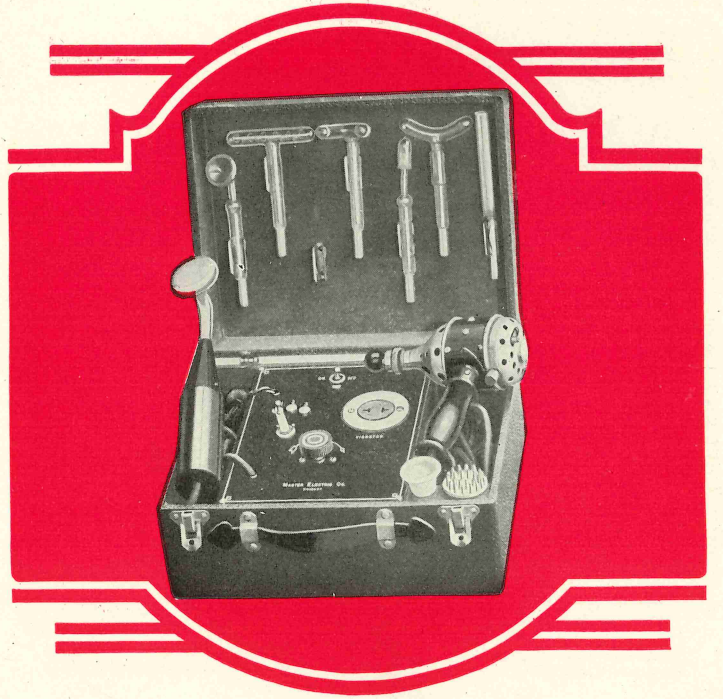
A beautiful finished, quality product at a popular price. One of our most popular sellers. Distinctly a Master Product.

Price $25.00

No extra charge for special voltages.

Every point of construction, every piece of material used, is given careful attention with the view of placing in the purchaser's hands the best your money can buy. An instrument that will give service when needed and one that will not break down under continued use.

We manufacture only high grade, substantial machines. Quality considered, the price is most reasonable, within everybody's reach.



Combination Outfit

This very complete outfit, equipped with a high frequency unit of three-condenser capacity and vibratory apparatus, presents the two recognized methods of electric application.

The high frequency generator is equipped with extra capacity condensers and has very great penetrative power, developing a current of great therapeutic value. Individual condenser operation and the operating strength of the current on each condenser can be regulated by means of the handy switch and adjustment knob respectively, both of which are plainly marked and mounted on the beautifully engraved panel of black bakelite material which contains all controls.

Vibratory treatments are secured from the universal current motor driven vibrator equipped with speed controls. This apparatus can be operated by inserting the plug in the vibrator outlet mounted on the panel, or independently of the rest of the machine, if desired.

High frequency equipment consists of General, Comb, Throat, Eye, Spinal, Metal and Cautery Electrodes. Facial, Scalp and Body Applicators are furnished as part of the vibratory equipment. The entire unit is enclosed in a handsome leatherette carrying case lined with red velvet. The very finest outfit that can be secured. You will find nothing finer on the market at any price.

Price $62.50
Without Vibratory Equipment 50.00

No extra charge for special voltage.

This machine can also be furnished without vibratory equipment. When so furnished the vibrator outlet is always available for use in connection with a vibrator already in one's possession or which may be purchased later.

Ozone Generator No. 28

The Ozone Generator is a special applicator designed for direct medication in nasal, throat bronchial and lung affections. It generates enormous quantities of ozone. Ozone is a faint blue gas composed of oxygen and is formed by the passage of an electrical discharge through air. Outdoors, we get ozone after a thunderstorm and indoors, the same effect can be produced mechanically with Violet Rays.

Ozone treatments are very beneficial, and excellent results are secured in all diseases of the Respiratory Organs, Influenza, Catarrh, Bronchitis, Asthma, Hay Fever, etc., quickly show marked improvement from its use. The ozone permeates every cell destroying germ life, and soothes the inflamed tissues.

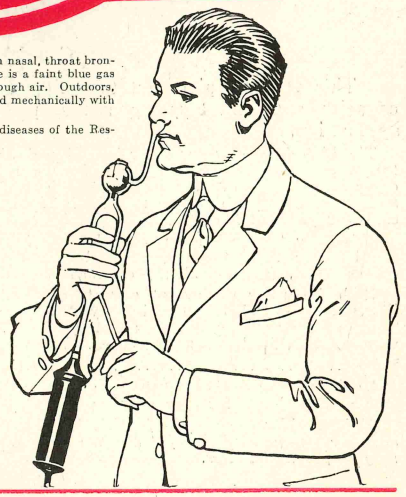
Directions for Operating Ozone Generator

The generator is pushed into the instrument handle and after filling the inhalant chamber one-fifth with inhalant solution, the current is turned on. The right hand is then put around the ozone chamber while the other hand actuates the pressure bulb at convenience. The nostrils are placed over or tight against the nose-piece, and the ozone is forced down through the nose into the lungs by pressing the bulb. The inhaling of the ozone should be deep and the air completely exhaled before taking another breath. Inhalation may also be made through the mouth by changing the nose-piece for the mouth-piece.

The inhalant solution contained in the upper chamber of the generator washes the ozone as it bubbles through it, allowing particles of it to be carried along in the form of vapor. This inhalant solution is a splendid combination of essential oils which have a soothing effect upon the membranes and assist in healing.

The complete outfit consists of the Generator, a nose-piece, a mouth-piece, pressure bulb, inhalant solution.

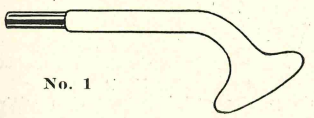
Complete with all attachments $10.00



ELECTRODES OR APPLICATORS

Vacuum Glass Electrodes for High Frequency Violet Ray Application are made in two types: Plain, or non-insulated and insulated. Insulated electrodes are used for Orificial treatments mostly, as they deliver a greater quantity of current at the desired locality.

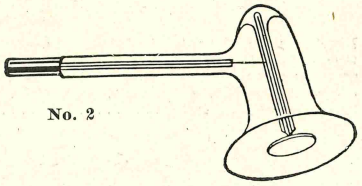
Master electrodes are made of the best grade of special glass, which will stand heavy usage without signs of deterioration. The vacuum in Master electrodes is perfect. The ends of the electrodes are protected by metal caps, which insure greater life. All electrodes are carefully tested and packed.



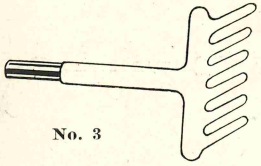
No. 1

No. 1 General Electrode.—For facial and body treatment, and for any surface application. This applicator is supplied with all Master Violet Ray machines as a part of the instrument. Price.....**$1.00**

No. 2 Condenser Electrode.—As the name implies, it condenses the current, and produces a strong, even flow; also generating electrical heat, which is very desirable in deep seated cases. Used for Rheumatism, Lumbago, Neuritis, etc. Price.....**$3.50**



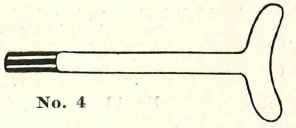
No. 2



No. 3

No. 3 Comb-Rake Electrode.—Used for all scalp treatments; Falling Hair, Dandruff, Gray Hair, and for stimulating the hair cells. Price.....**$1.50**

No. 4 Throat Electrode.—Designed to fit over the neck. Excellent results have been accomplished with this electrode in Goitre, Tonsilitis, Double Chin. Price.....**$1.50**



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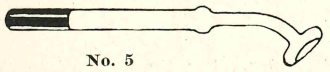
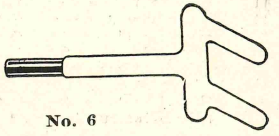


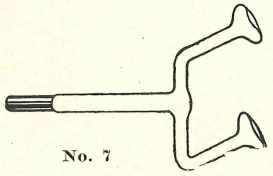
No. 5

No. 5 Eye Electrode.—Single Eye electrode designed to fit closely over the eye. When treatment is given only a slight warmth can be felt. Is used for the treatment of all eye complaints and for strengthening the optic nerves. Price.....**$1.00**

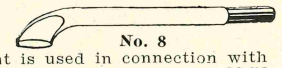
No. 6 Spinal Electrode.—For all Spinal treatments. Arranged so that it fits over both sides of the vertebrae. Price...**$1.50**



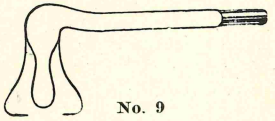
No. 6


No. 7

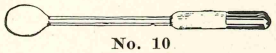
No. 7 Double Eye Electrode.—This electrode is used for the same purpose as the No. 5 Single Eye Electrode, but is designed for the treatment of both eyes at once. It distributes the current evenly to both eyes and is recommended where both eyes are to be treated. Price.....**$2.00**


No. 8

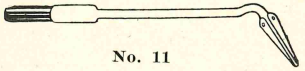
No. 8 Small Cataphoric Electrode.—This electrode is made with an indentation on the surface to hold absorbent cotton and liniment of any kind. It is used in the treatment of Rheumatism, Lumbago, Neuralgia, or in fact, wherever liniment is used in connection with any Master Violet Ray machine. Price.....**$3.50**


No. 9

No. 9 Large Cataphoric Electrode.—This electrode is used for the same purpose as No. 8, but has larger capacity, and greater space for cotton and liniment. Used in the treatment of Rheumatism, Lumbago, Neutritis, etc., or wherever liniment is used. Price.....**$4.50**


No. 10

No. 10 Spatula or Tongue Electrode.—Used for treatment of the mouth or tongue, as its name implies Price.....**$2.00**


No. 11

No. 11 Insulated Ear Electrode.—This electrode has been specially designed for treatment of the ear. It is used for the treatment of all Catarrhal conditions in the ear, and for earache, deafness and head noises, etc. Price **$2.25**

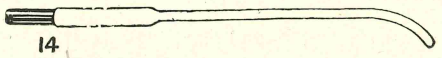
12 No. 12

No. 12 Metal Electrode.—This delivers a strong current and is excellent for general tonic and where constitutional effects are desired. When held by the patient, there is no muscular contraction, merely a sense of warmth through the entire body. The current can also be drawn to any part of the body by using the No. 1 electrode or the fingers of the operator. Price.....**$1.00**

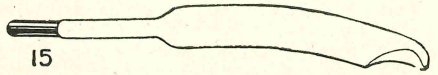
Orificial Treatments

All Orificial electrodes must be lubricated before insertion. For the sake of safety there should be two people in Orificial work, the patient and the operator. The current should be turned on after inserting the electrode into the orifice and turned off before removing the electrode. Orificial treatments are never painful. The electrode should be moved slightly to avoid sticking to mucous membrane. Treatments are not to be continued longer than five minutes. The best method of giving orificial treatments is to use the metal electrode No. 12 in the machine, and apply to the metal cap of the orificial electrode after this has been inserted. Treatments should not be attempted by unskilled persons without the instruction and supervision of a competent practitioner.

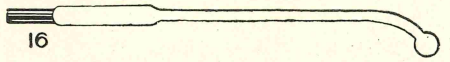
Orificial applicators are illustrated solely for the benefit of physicians and other licensed practitioners. Under no circumstances should treatments be attempted by unskilled persons without competent supervision.


14

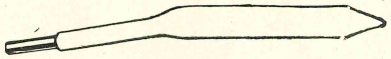
No. 14 Urethal Electrode. Price.....**$1.00**


15

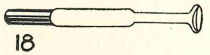
No. 15 Vaginal Electrode. Price.....**$1.00**


16

No. 16 Internal Throat Electrode. Price.....**$1.00**



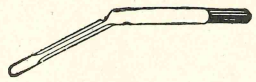
No. 17 Rectal Electrode. Price.....**$1.00**


18

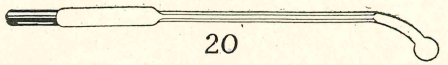
No. 18 Corn Electrode.—This electrode is used for the treatment of corns. It fits snugly over the corns. Price.....**$1.00**

Insulated Electrodes

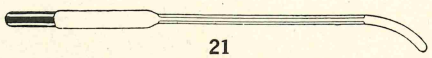
The advantage of insulated tubes is that the current may be introduced without loss into the orifice of the body. In using plain electrode for an orifice, much of the current is lost at the first point of contact. For instance, if the prostatic gland is being treated with the plain electrode, much of the current is drawn off at the opening of the rectum, but if the insulated tube No. 22 is used, the current is conveyed to the desired point without loss.



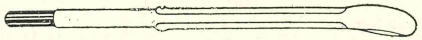
No. 19 Nasal Electrode.—Used for rhinitis, nasal catarrh, etc. Price.....**$2.00**


20

No. 20 Internal Throat Electrode.—Used for tonsilitis, hyperthrophy of the tonsils, ulcers of tonsils, etc. Price.....**$2.00**


21

No. 21 Urethal Electrode.—Used for cystitis, strictures, gonorrhea, etc. Price.....**$2.00**

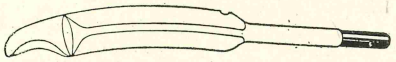


22

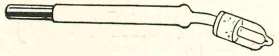
No. 22 Prostatic Electrode.—Designed so that it fits directly over the prostatic gland. In many cases this electrode can also be used for vaginal work in place of No. 24. Price.....**$2.00**

23

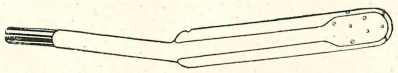
No. 23 Insulated Rectal Electrode. Price.....**$2.00**



No. 24 Vaginal Electrode—(Without perforations). Price.....**$2.25**



No. 25 Cautery Electrode.—This has a platinum wire sealed in the glass. For removing warts, moles, or growths of any nature, it cannot be excelled. Very seldom is it necessary to give more than two treatments; most often one application is all that is necessary. Price.....**$2.00**



No. 26 Special Vaginal Electrode.—Made with perforations so that ozone may be generated within the vagina. Used for ovaritis, leucorrhea, vaginitis and all pelvic inflammations. Price.....**$3.50**

Unbreakable Electrode

This electrode is made of a special composition and supplied in the Surface type only. These electrodes not being made of glass, are unbreakable. Price, Surface Electrode, $3.50.

Care of Electrodes

Keep the electrodes clean. Washing with warm water and soap is sufficient. Electrodes will stand heat and can be boiled in water.

The electrodes will burn out in time much on the order of an electric light bulb. When difficulty arises with the machine it is usually due to the electrode being burnt out. Try another electrode before concluding that the trouble is with your machine.

Use Your Violet Ray Outfit as a First Aid

There is no quackery or uncertainty about the Violet-Ray High-Frequency Current. It is a thorough cell massage and a wonderful stimulant, and while it is by no means put forward as a cure-all, yet it is of the utmost aid in restoring to normal the physical condition impaired from almost any cause. The results obtained are universally beneficial and can never in any instance be harmful.

Violet Ray Treatments

The following are but suggestions, inasmuch as in most instances the individual will develop a technique suitable to his own particular case.

Violet Ray treatments need not be of long duration. Short treatments at frequent intervals are very effective. Always start with the weakest current possible in order to avoid the initial discharge, which occurs when the electrode is brought in contact with the body. Make contact with the electrode quickly when beginning and finishing the treatment. If metal objects such as hairpins, corset steels, chains, etc., cannot be avoided during the treatment, they should be removed.

The suggestions for the treatment of disease outlined below have been taken from cases where physicians or clinics have obtained excellent results. Not all cases will be cured through High-Frequency alone, but in every case it is a valuable adjunct to other treatments; in fact, many cases have been greatly benefited where medical treatment has failed.

These suggestions are given for the benefit of physicians using our apparatus. Under no circumstances should orificial treatments, or the treatment of any serious disease or condition, be given without first consulting a physician. It is not our purpose that the Master Violet Ray be used as a substitute for the services and attention of a competent medical adviser.

While the use of the Violet Ray is being advocated by physicians and professional persons throughout the country, it must be remembered that it is not sold as an infallible remedy for any ill and that there are physicians and other practitioners who have not become educated to its use and who consequently do not recommend it. It is a matter of common knowledge, of course, that medical theories are open to dispute within the profession as are the theories of any subject. When viewed in this light, and in consideration of the widespread use and popularity of the Violet Ray, the attitude of those dissenting members of the profession is open to considerable discussion.

TREATMENTS

Alopecia or Falling Hair—Use Comb electrode No. 3. Use a mild current at first, which can be increased with treatments. Pass the comb back and forth over the entire scalp for about five minutes every day. This same treatment can be used for gray hair in restoring it to natural color. Use same treatment for baldness. Do not use the Violet-Ray on the hair immediately after applying any preparations containing more than forty per cent of alcohol.

Acne: *Pimples*—Treat the entire surface for about seven minutes with the Surface electrode No. 1. If the skin is damp, either apply talcum powder, or treat through handkerchief or other clean cloth. Use a medium current.

Anaemia—General appplication to the entire body. Treat with Surface electrode No. 1 over the chest, and Throat Electrode No. 4 on throat glands, the treatment to last from five to ten minutes. The Ozone Generator is also of the utmost benefit.

Ammenorrhea—Irregularity—Suppressed Menses—With the vaginal tube No. 24 or 26 an emmenagog effect can be produced. Apply any antiseptic lubricant to tube. Give 10 minute treatments every other day. Also apply surface electrode No. 1 to spine, 5 to 10 minutes.

Abscess—To abort an abscess, the use of the surface electrode has been found to be the most beneficial. Keep tube in contact with skin. Apply any antiseptic lubricant on tube before applying. Give 5 to 10 minute treatments.

Adhesions—In conditions following operation or inflammatory conditions, use the condenser tube No. 2. Apply any antiseptic lubricant on tube. Give 10 to 15 minute treatments daily.

Asthma—Apply Surface electrode No. 1 or Condenser No. 2 over the chest and throat glands for about 5 minutes with a strong current. Treatment of Asthma is also found to be very successful by the use of the Ozone attachment, filling it with 1 dram of Oil of Pine; 1 dram of Oil of Eucalyptol; 5 minims Beechwood creosote. Inhale 3 to 5 minutes daily.

Ataxia—Use as strong a current as can be tolerated to spine, over abdomen, and back of legs. Give milder treatment as improvement is noticed.

Barber's Itch—General treatment with electrode No. 1 for 5 minutes daily.

Blepharitis—Infection Edges of Eye Lids—Excellent results can be produced by the use of the eye electrode No. 5; treatments 10 minutes daily. Also use throat tube No. 4 to go around area of the conjunctiva or mucous membrane of the eye 5 minutes.

Boils—Furunculosis—In treatment of Boils, excellent results have been obtained by giving a light spark around area of infection with the surface electrode No. 1 and then applying the electrode direct on same twice daily 5-minute treatments.

Bruises—Use Surface electrode over area affected. Treatments about five to ten minutes. Medium or strong current.

Bunions—Use Surface electrode in direct contact with skin, with medium current for about five minutes.

Burns—Apply electrode in close contact with the burned area, using a mild current for a short time, two or three times a day.

Brain Fag—Use applicator No. 1 over forehead and eyes. Also treat the back of head and neck with strong current in direct contact with the skin. Treat the spine and hold the electrode in the hand. Ozone inhalations for about four minutes are also of importance.

Blackheads—A mild to medium treatment of five minutes daily. Use Surface electrode No. 1, and apply talcum powder before treating.

Pains in Back Quickly Relieved

Bronchitis—By the use of the Ozone attachment, very beneficial results and great relief can be obtained immediately. Use same mixture as in treatment of Asthma.

Carbuncle—Use the Surface electrode No. 1, applying same direct, 10 to 15 minutes daily.

Cataract—Great relief can be obtained in the early stage of cataract by the use of the eye electrode, either single or double, with a very fine current, not exceeding ⅛-inch in length.

Callouses—Use a strong electric current with Surface electrode No. 1. The current can also be applied by holding electrode a short distance from the skin.

Carbuncles—The treatment prescribed for boils should be followed in treating cases of this nature.

Catarrh—Nasal—In this condition the nasal tube is used within the nose with a mild current within the nasal passage, 2 to 5 minutes on each side, followed by an application with the surface electrode externally over the area of the nose. Use ozone generator.

Catarrh of Womb—Use Vaginal electrode No. 24 or No. 26 for five minutes daily. Electrode to be lubricated before insertion.

Chilblains—Use Surface electrode with strong spark applied directly to the skin. Treatment to last about ten minutes.

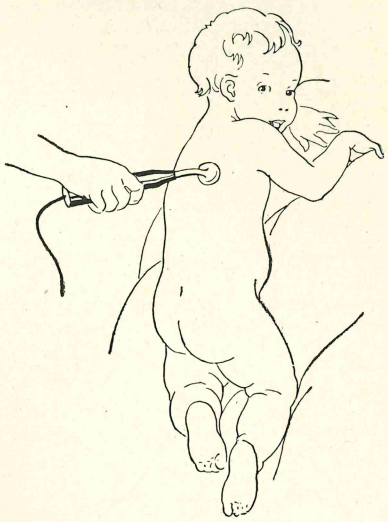
Cold Extremities—Apply Surface electrode direct to affected parts, using a strong spark for about five minutes. Also apply electrode to the spine; keep the electrode about one-half inch from the skin until the surface is red.

Constipation—Apply Surface electrode over the bowels. Apply for about ten minutes, moving the electrode. Use a strong current. Physicians use Rectal electrode No. 23 for insertion into the Rectum. Orificial treatments last about five minutes.

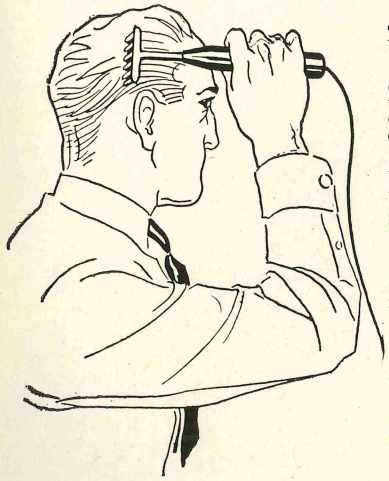
Dandruff—Directions for the treatment of Alopecia are applicable in cases of this nature.

Deafness, Earache and Ear Diseases—Apply Ear electrode with very mild current into the ear. Care must be exercised so as to not touch the ear drum. Three to five minutes is sufficient.

Eczema—By the use of the Surface electrode No. 1, excellent results have been obtained by giving the patient as much current as can be endured. Another beneficial way of treating is to apply gauze over the area and go over same with the electrode.



Perfectly Harmless, Can Be Used for Baby



Frost Bites—Instructions outlined for the treatment of Chilblains may also be adapted to the treatment of this ailment.

Goitre—In Goitre cases, by the use of the Surface electrode No. 1, the tube should be kept in light contact with the skin, treating the sides of the neck as well as over the Goitre itself, giving 10-minute treatments daily.

Gonorrhea—In sub-acute or chronic forms, marked beneficial results have been obtained by the use of the urethal No. 21 or vaginal No. 24 electrodes. Apply any antiseptic lubricant on tubes before inserting. Give 7-minute treatments daily.

Gleet—By the use of the urethal No. 21 and the rectal No. 23 tubes, unusual results have been obtained. Insert same with any antiseptic lubricant, giving 10 to 15-minute treatments daily.

Grippe—Breathing through Ozone Generator gives immediate relief. Follow with treatments over side of nose, and in some cases with Nasal electrode No. 19 internally. Treatment five to ten minutes.

Gout—Apply Surface electrode to the spine to stimulate the system. Then apply Surface electrode to the painful area with a medium current, keeping the electrode in contact with the skin but moving same about. Pain may be noticed at first, but results are certain if treatment is continued.

Gray Hair—The natural color of the hair may often be restored by continued and patient treatment with electrode No. 5. See Alopecia. Several months are usually required for results. Use a current for stimulation at least once a day.

Hay Fever—Apply Surface electrode over the nose and along spine with medium current for five minutes. Apply electrode No. 19 in nostrils for a short time. Treatment must be of short duration but frequently repeated. Use the Ozone Generator freely, it being advisable to Ozonate the entire room with it. For satisfactory results treatments should commence two or three weeks before period of attack.

Headaches—Frontal and Occipital headaches are relieved by using the surface tube No. 1 over the seat of pain. Keep the tube in loose contact and prolong the treatment until relief takes place, which usually takes from 5 to 10 minutes.

Hemorrhoids—With the use of the rectal tube No. 23, temporary relief may be obtained by giving 5-minute treatments daily.

Herpes—Zoster—Application of the condenser tube in the eruption of Herpes. Recovery can be hastened by giving 10-minute treatments daily. 3 to 5 treatments are usually sufficient.

Impotence—The most beneficial way of treating this condition is by the use of the prostatic tube No. 22 with plenty of spark. Use the surface electrode No. 1 slightly raised over the area of the spine from 5 to 7 minutes daily.

Rheumatic Pains in Limbs Disappear After Few Minutes Treatment

Insomnia—The method most beneficial has been the use of the condenser tube, which is kept in light contact with the back of the head and neck, going down the spine for about 5 minutes daily before retiring.

Jaundice—By the use of the condenser electrode, great relief can be obtained. Apply electrode over the area of the liver, 10 minutes daily.

Laryngitis—The throat electrode either by the loose contact or mild spark will greatly aid in treatment of this nature. Ozone inhalations are most advisable.

Lumbago—Apply the current through the clothing with as strong a current as can be tolerated. Continue treatment until pain is gone. Keep the electrode moving and give long treatment.

Leucorrhea—Use Vaginal electrodes No. 24 or 26, lubricating before insertion. A medium treatment for five minutes is applied and repeated as circumstances require. Current should be turned on after insertion of electrode and off before removal of electrode. Antiseptic douches in connection.

Neuralgia—To obtain a hurried relief of neuralgia, the surface electrode No. 1 should be used. Pass back and forth in light contact with the skin, giving 10-minute treatments as needed.

Neuritis—Use Surface electrode for five minutes at a time. Several treatments a day are advisable. Use light current at first, and gradually increase same. Apply locally or to entire body, depending upon the condition.

Obesity—Apply Surface or Condenser electrode No. 2 for fifteen minutes twice daily. Use very strong current. Fats will be consumed by increase of oxidation but diet must be reduced and watched.

Pharyngitis—In acute forms with the use of the throat electrode, quick relief can be obtained. Give 5-minute treatments daily.

Pleurisy—Use the condenser tube over the front and back of the chest until a marked reddening of the skin indicates a counter irritation. Two or three treatments are necessary in acute cases and one daily in chronic cases.

Psoriasis—This is treated by the same technique as that employed in eczema.

Rheumatism—The condenser tube is of exceptional value in chronic and muscular rheumatism. Apply the electrode over the area 10 to 15 minutes daily.

Ringworm—Use the Surface electrode and apply short sparks several times a day with a medium current for several minutes.

Scars—By the use of the Surface electrode No. 1 a softening effect can be produced on scar tissue, treating same 5 to 7 minutes daily.

Sciatica—Apply the condenser electrode along the course of the nerve and over the lower part of the spine, giving 10-minute treatments daily.

Sinusitis—The use of the surface electrode No. 1 gives a hurried relief by applying same over the area of the Sinuses daily for 5 minutes.

Sore Throat and Throat Diseases—Use Internal Throat electrode No. 20 with medium current for five minutes, and the External Throat electrode No. 4 on the outside of the throat for the same period of time.

Stiff Neck and Joints—Apply Surface electrode, using the same method as explained in Neuritis.

Tonsilitis—Use treatment as above for Sore Throat. Ozone treatments are also of importance.

Urticaria—Hives—Urticaria can be quickly eliminated by the use of the surface electrode No. 1, going back and forth over the area for 10 minutes daily until condition is gone.

Warts and Other Small Growths—The Fulguration electrode should be used, as it throws a fine sharp spark. Apply to growths long enough to cauterize the surface. A few seconds is usually all that is necessary. Wait a day or two for results and, if necessary, repeat. Where there is no Fulguration electrode the Surface electrode can be used by holding it about one-eighth inch from the growth and allowing the sparks to pass from the edge of the glass.

Writer's Cramp—In this condition a hurried relief can be effected by the use of the surface tube No. 1 over the area of condition, using same until condition is relieved.

Wry Neck—Torticollis—Using the No. 1 or No. 2 over the area of the neck and down the spine daily for 10 minutes, relief can be effected.

DIRECTIONS FOR OPERATING

The Violet Ray Outfit

1. Insert glass applicator into the instrument.
2. Attach the connecting plug to the lamp socket.
3. Turn the current on.
4. Adjustment of the Violet Ray discharge is obtained by the adjusting knob. To the right the discharge increases, to the left it decreases.
5. Start any treatment with a mild discharge and increase it gradually to the required strength.
6. Take good care of the connecting cord. Keep it dry and free from knots and twists. Have it repaired in time if signs of wear appear.

Don'ts

1. Do not attempt to repair the apparatus. If the necessity arises, write to the Factory advising of your difficulties and you will be informed what to do.
2. Do not use the Master in connection with any tonic or medicant containing a large percentage of alcohol on the hair or any part of the body.
3. Be careful with the apparatus and when not in use turn the current off. Be on the safe side and remove the connecting plug from the lamp socket after use.
4. Do not touch the appliance or attempt to connect it to a lamp socket when your hands are wet. Do not use while at the wash basin or in connection with an electric bath.
5. Do not operate your machine at any one time longer than ten minutes. To do so over heats the coils and may result in their burning out. When this occurs, our guarantee does not apply. The machine may be used intermittently over a long period of time providing the coils are permitted to cool between use.

Another *don't* that is indeed very important is that the handle of the Violet Ray Machine should not be grasped close to the applicator while the machine is not in use; i. e., when the current is turned on and the applicator is not being applied to the body.

The reason for this is that the current will jump from the tip of the handle if it is not being drawn off by the glass applicator to some part of the body. It is a simple matter to avoid by merely holding the handle of your machine at the end farthest away from the electrode.

Occasionally we have complaints when one piece machines do not operate when held in a vertical position. When this occurs, use a stronger current or reverse the position of the machine.

NOTE: Damages arising from carelessness are not covered by our guarantee. If instructions are properly followed, the Master will last indefinitely.

Master Violet Rays seldom give the user trouble and will last indefinitely. Nothing is to be oiled or adjusted. When trouble occurs it is usually with the electrode, as already explained, or due to a broken cord at the point where it enters the cap in the base of the hard rubber handle.